

EP 0203855 (1)  
C22B1/244-C22B1/24B-C22B1/24D-

-3- BASIC OCC.-

C22B1/244

Publication number:

**0 203 855**  
**A3**

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# EUROPEAN PATENT APPLICATION

⑳ Application number: 86401065.7

㉑ Int. Cl.: **C 22 B 1/244, C22-B-1/16**

㉒ Date of filing: 20.05.86

*B. 20.05.86*

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Priority: 21.05.85 US 736237

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Applicant: UNION CARBIDE CORPORATION, 39 Old Ridgebury Road, Danbury Connecticut 06817 (US)

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Date of publication of application: 03.12.86  
Bulletin 86/49

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Designated Contracting States: FR GB SE

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Date of deferred publication of search report: 09.11.88 Bulletin 88/45

㉚ A process for agglomerating mineral ore concentrate utilizing emulsions of polymer, binders or dry polymer binders.

㉛ This invention is a method for agglomerating mineral ore concentrate comprising the commingling of mineral ore concentrate with a binding amount of a water soluble, high molecular weight polymer. The selected polymer is applied to the mineral ore concentrate either (1) dispersed in a water-in-oil emulsion or (2) as a dry powder. The most preferred polymers are water soluble poly(acrylamide) based polymers.

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European Patent  
Office

# EUROPEAN SEARCH REPORT

0203855

Application Number

EP 86 40 1065

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	GB-A-2 006 179 (REVERTEX) * Claims; page 1 * ---	1-17	
X	NL-A-6 710 530 (ALGEMENE KUNSTZIJDE UNIE N.V.) * Claims * ---	1-17	
E	US-A-4 597 797 (H.J. ROORDA) * Claims; columns 1-3 * ---	1-17	
E	EP-A-0 195 550 (ALLIED COLLOIDS LTD) * Claims * ---	1-17	
E	EP-A-0 225 171 (ALLIED COLLOIDS LTD) * Claims * ---	1-17	
E	EP-A-0 203 854 (UNION CARBIDE CORP.) * Claims * ---	1-17	
X	MINING ENGINEERING, October 1984, pages 1437-1441; R.P. DeSOUZA et al.: "Production of acid iron ore pellet for direct reduction, using an organic binder" * Whole article * -----	1-18	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
The present search report has been drawn up for all claims			

Place of search  
THE HAGUE

Date of completion of the search  
26-04-1988

Examiner  
JACOBS J.J.E.G.

## CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone  
Y : particularly relevant if combined with another document of the same category  
A : technical background  
O : non-written disclosure  
I : intermediate document

T : theory or principle underlying the invention  
E : earlier parent document, but published on, or after the filing date  
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